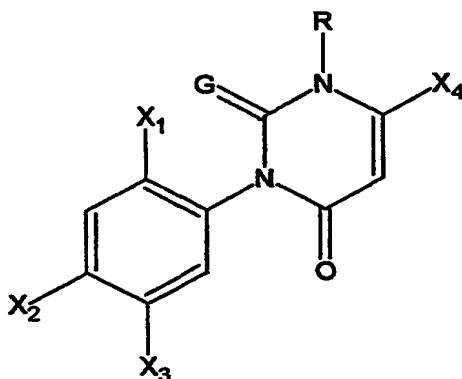


CLAIMS

1. Uracils having general formula (I):



(I)

10

wherein:

- X_1 represents a hydrogen atom or a halogen atom;
- X_2 represents a halogen atom;
- X_4 represents a C_1 - C_3 haloalkyl group;
- 15 - R represents a hydrogen atom, a C_1 - C_3 alkyl group or a C_1 - C_3 haloalkyl group;
- G represents an oxygen atom or a sulphur atom;
- X_3 represents a $Q(CR_1R_2)_nZ$ - group, a Q_1Z group, a Q_2 - group, a $Y(OC)-CR_6=CR_5-CR_3R_4Z$ - group;
- 20 - Z represents an oxygen atom or a sulphur atom;
- R_1 , R_2 , R_3 and R_4 , the same or different, represent a hydrogen atom, a C_1 - C_4 alkyl group or a C_1 - C_4 haloalkyl group;
- R_5 represents an OR_7 group;
- 25 - R_6 represents a hydrogen atom or a C_1 - C_4 alkyl

group;

- R_7 represents a C_1 - C_4 alkyl group or a C_1 - C_4 haloalkyl group;
- Y represents an OR_8 group, a SR_9 group, a $NR_{10}R_{11}$ group;
- R_8 and R_9 represent a hydrogen atom, a C_1 - C_6 linear or branched alkyl group, a C_1 - C_6 linear or branched haloalkyl group, a C_3 - C_6 cycloalkyl group, a C_4 - C_9 cycloalkylalkyl group, a C_3 - C_6 cyanoalkyl group, a C_3 - C_6 alkoxyalkyl group, an oxethanyl group, a tetrahydrofuran-5-yl group; a phenyl group, a C_7 - C_{12} phenylalkyl group, a pyridyl group, said groups, in turn, possibly substituted with one or more halogen atoms selected from chlorine, fluorine, bromine or iodine, or substituted with one or more groups selected from C_1 - C_4 alkyl, or C_1 - C_4 haloalkyl, C_1 - C_4 alkoxy or C_1 - C_4 haloalkoxy;
- R_{10} and R_{11} , the same or different, represent a hydrogen atom, or a C_1 - C_6 alkyl group, a C_1 - C_6 haloalkyl group, a C_3 - C_6 cycloalkyl group, a C_7 - C_{12} arylalkyl group, or an aryl group, said groups, in turn, possibly substituted with one or more halogen atoms selected from chlorine, fluorine, bromine or iodine, or substituted with one or more groups selected from a C_1 - C_4 alkyl, or C_1 - C_4 haloalkyl, C_1 - C_4 alkoxy or C_1 -

C₄ haloalkoxy; or, jointly represent a C₂-C₇ alkylene chain possibly substituted with C₁-C₄ alkyl groups and possibly interrupted by oxygen atoms or by a NR₁₂ group, wherein:

- 5 - R₁₂ represents a hydrogen atom, a C₁-C₆ alkyl group or C₁-C₆ haloalkyl group, a C₃-C₆ alkenyl group or a C₃-C₆ haloalkenyl group, a C₃-C₆ alkynyl group or C₃-C₆ haloalkynyl group, a C₂-C₈ alkoxyalkyl group or a C₂-C₈ haloalkoxyalkyl group, a C₂-C₇ alkylcarbonyl group or C₂-C₇ haloalkylcarbonyl group:
- 10 - n represents 1, 2 or 3;
- Q represents a heterocyclic group selected from pyrrol-2-yl, pyrrol-3-yl, imidazol-2-yl, imidazol-4-yl, imidazol-5-yl, pyrazol-3-yl, pyrazol-4-yl, pyrazol-15 5-yl, 1,2,4-triazol-3-yl, 1,2,4-triazol-5-yl, 1,2,4-triazol-3-on-yl, 1,2,3-triazolyl, tetrazolyl, oxazolyl, isoxazol-5-yl, thiazol-2-yl, thiazol-5-yl, isothiazolyl, 1,3,4-oxadiazolyl, 1,3,4-thiadiazolyl, 1,2,4-thiadiazolyl, 1,2,4-oxadiazolyl, 1,2,4-oxadiazol-5-on-3-yl, benzoxazol-2-yl, benzothiazol-20 2-yl, pyrazinyl, pyridazinyl, 1,2,4-triazinyl, 1,3,4-thiadiazol-2-on-5-yl, 1,4,2-dioxazol-5-on-3-yl, 1,4,2-oxathiazol-5-on-3-yl, 1,3,4-oxadiazin-5-on-2-yl, 1,4,2-dioxazin-3-yl, 1,2,4-oxadiazin-5-on-25 3-yl, 4,5,6,7-tetrahydro-1,3-benzothiazol-2-yl, 5,6-

dihydro-4*H*-cyclopenta[*d*][1,3]thiazole, said groups, in turn, possibly substituted with halogen atoms selected from chlorine, fluorine, bromine or iodine, or substituted with groups selected from C₁-C₆ alkyl or C₁-C₆ haloalkyl, C₂-C₆ alkenyl or C₂-C₆ haloalkenyl, C₂-C₆ alkenyloxy or C₂-C₆ haloalkenyloxy, C₂-C₆ alkynyl or C₂-C₆ haloalkynyl, C₂-C₆ alkynyloxy or C₂-C₆ haloalkynyloxy, C₁-C₆ alkoxy or C₁-C₆ haloalkoxy, C₂-C₆ alkoxyalkyl or C₂-C₆ haloalkoxyalkyl, C₂-C₆ alkoxyalkoxy, C₂-C₆ haloalkoxyalkoxy, C₂-C₆ haloalkoxyhaloalkoxy, C₃-C₈ alkoxyalkoxyalkyl, C₃-C₈ alkoxyalkoxyalkoxy, C₁-C₆ alkylthio or C₁-C₆ haloalkylthio, C₂-C₆ alkylthioalkyl, C₁-C₆ alkylsulfinic or C₁-C₆ haloalkylsulfinic, C₁-C₆ alkylsulfonic or C₁-C₆ haloalkylsulfonic, C₂-C₆ alkoxycarbonyl or C₂-C₆ haloalkoxycarbonyl, C₃-C₇ alkenyloxycarbonyl or C₃-C₇ alkynyloxycarbonyl, C₃-C₈ alkoxycarbonylalkyl or C₃-C₈ haloalkoxycarbonylalkyl, C₄-C₉ alkenyloxycarbonylalkyl or C₄-C₉ alkynyloxycarbonylalkyl, C₃-C₈ alkoxycarbonylalkoxy, C₄-C₉ alkenyloxycarbonylalkoxy or C₄-C₉ alkynyloxycarbonylalkoxy, C₃-C₈ aminocarbonylalkoxy possibly substituted with C₁-C₄ alkyl groups or with a C₂-C₅ alkylene group; CN, CHO, NO₂, NH₂, OH, C₁-C₃ cyanoalkyl, C₁-C₃ cyanoalkyloxy, C₂-C₆ formylalkyl, C₂-C₆ alkylcarbonyl, C₂-C₆ haloalkylcar-

bonyl, C₃-C₇ alkylcarbonylalkyl, C₂-C₆ alkoxyimino, C₂-C₆ haloalkoxyimino, C₃-C₆ alkoxyiminoalkyl, C₃-C₆ haloalkoxyiminoalkyl, C₃-C₆ alkoxyiminohaloalkyl, aminocarbonyl, C₂-C₆ aminocarbonylalkyl, aminosulfonyl or C₂-C₆ aminosulfonylalkyl, these last four groups possibly substituted with one or two C₁-C₄ alkyl groups or with a C₂-C₅ alkylene group; C₁-C₆ alkylsulfonylamino, C₂-C₇ alkylcarbonylamino or C₂-C₇ alkoxycarbonylamino, these last three groups possibly substituted with C₁-C₄ alkyl groups; C₆-C₁₀ aryl, C₆-C₁₂ arylalkyl, C₆-C₁₀ arylalkoxy, C₇-C₁₂ aryloxyalkyl, C₈-C₁₂ arylalkyloxyalkyl said groups in turn possibly substituted with halogen atoms, C₁-C₄ alkyl groups, C₁-C₃ haloalkyl groups, C₁-C₄ alkoxy groups, C₁-C₃ haloalkoxy groups, CN; C₃-C₇ cycloalkyl, C₆-C₁₂ cycloalkylalkyl, C₆-C₁₀ cycloalkylalkoxy, tetrahydropyran-2-yl said groups in turn possibly substituted with halogen atoms, C₁-C₄ alkyl groups, C₁-C₄ alkoxy groups;

20 - Q₁ represents a heterocyclic group selected from 1,3,4-thiadiazol-2-yl, 1,3,4-thiadiazol-5-yl, 1,2,4-thiadiazol-5-yl, tetrazol-5-yl, 1,3,4-oxadiazol-2-yl, 1,3,4-oxadiazol-5-yl, 1,2,4-oxadiazol-5-yl, oxazol-2-yl, oxazol-4-yl, oxazol-5-yl, isoxazol-3-yl, isoxazol-5-yl, thiazol-2-yl, thiazol-4-yl, thi-

25

azol-5-yl, said groups, in turn, possibly substituted with halogen atoms selected from chlorine, fluorine, bromine or iodine, or substituted with groups selected from C₁-C₆ alkyl or C₁-C₆ haloalkyl, C₂-C₆ alkenyl or C₂-C₆ haloalkenyl, C₂-C₆ alkenyloxy or C₂-C₆ haloalkenyloxy, C₂-C₆ alkynyl or C₂-C₆ haloalkynyl, C₂-C₆ alkynyloxy or C₂-C₆ haloalkynyloxy, C₁-C₆ alkoxy or C₁-C₆ haloalkoxy, C₂-C₆ alkoxyalkyl or C₂-C₆ haloalkoxyalkyl, C₁-C₆ alkylthio or C₁-C₆ haloalkylthio, C₁-C₆ alkylsulfinic or C₁-C₆ haloalkylsulfinic, C₁-C₆ alkylsulfonic or C₁-C₆ haloalkylsulfonic, C₂-C₆ alkoxycarbonyl or C₂-C₆ haloalkoxycarbonyl, C₃-C₈ alkoxycarbonylalkyl or C₃-C₈ haloalkoxycarbonylalkyl, C₃-C₈ alkoxycarbonylalkoxy, C₃-C₈ aminocarbonylalkoxy possibly substituted with C₁-C₄ alkyl groups or with a C₂-C₅ alkylene; CN, CHO, NO₂, NH₂, C₁-C₃ cyanoalkyl, C₁-C₃ cyanoalkyloxy, C₂-C₆ alkylcarbonyl, C₂-C₆ haloalkylcarbonyl, C₃-C₆ alkoxyiminoalkyl, C₃-C₆ haloalkoxyiminoalkyl, aminocarbonyl, C₂-C₆ aminocarbonylalkyl, aminosulfonyl or C₂-C₆ aminosulfonylalkyl, these last four groups possibly substituted with one or two C₁-C₄ alkyl groups or with a C₂-C₅ alkylene; C₁-C₆ alkylsulfonylamino, C₂-C₇ alkylcarbonylamino or C₂-C₇ alkoxycarbonylamino, these last three groups possibly substituted with C₁-C₄ al-

- kyl groups; C₆-C₁₀ aryl, C₆-C₁₂ arylalkyl, C₆-C₁₀ arylalkoxy, C₇-C₁₂ aryloxyalkyl, C₈-C₁₂ arylalkyloxyalkyl said groups in turn possibly substituted with halogen atoms, C₁-C₄ alkyl groups, C₁-C₃ haloalkyl groups, C₁-C₄ alkoxy groups, C₁-C₃ haloalkoxy groups, CN; C₃-C₇ cycloalkyl, C₆-C₁₂ cycloalkylalkyl, C₆-C₁₀ cycloalkylalkoxy, tetrahydropyran-2-yl said groups in turn possibly substituted with halogen atoms, C₁-C₄ alkyl groups, C₁-C₄ alkoxy groups;
- 5 Q₂ represents a heterocyclic group selected from tetrazol-5-yl, thiazol-2-yl, thiazol-4-yl, thiazol-5-yl, isothiazol-3-yl, isothiazol-4-yl, isothiazol-5-yl, 1,2,3-triazolyl, benzoxazol-2-yl, benzothiazol-2-yl, pyrimidin-2-yl, 1,2,4-triazinyl, 1,3,5-triazinyl, 1,3,4-thiadiazol-2-on-5-yl, 1,4,2-dioxazol-5-on-3-yl, 1,4,2-oxathiazol-5-on-3-yl, 1,3,4-oxadiazin-5-on-2-yl, 1,4,2-dioxazin-3-yl, 1,2,4-oxadiazin-5-on-3-yl, 4,5,6,7-tetrahydro-1,3-benzothiazol-2-yl, 5,6-dihydro-4H-
- 10 cyclopenta[d][1,3]thiazole, said groups in turn possibly substituted with halogen atoms selected from chlorine, fluorine, bromine or iodine, or substituted with groups selected from C₁-C₆ alkyl or C₁-C₆ haloalkyl, C₂-C₆ alkenyl or C₂-C₆ haloalkenyl, C₂-C₆ alkenyloxy or C₂-C₆ haloalkenyloxy, C₂-C₆ alkynyl or
- 15
- 20
- 25

C₂-C₆ haloalkynyl, C₂-C₆ alkynyloxy or C₂-C₆ haloalkynyloxy, C₁-C₆ alkoxy or C₁-C₆ haloalkoxy, C₂-C₆ alkoxyalkyl or C₂-C₆ haloalkoxyalkyl, C₂-C₆ alkoxyalkoxy, C₂-C₆ haloalkoxyalkoxy, C₂-C₆ haloalkoxyhaloalkoxy, C₃-C₈ alkoxyalkoxyalkyl, C₃-C₈ alkoxyalkoxyalkoxy, C₁-C₆ alkylthio or C₁-C₆ haloalkylthio, C₂-C₆ alkylthioalkyl, C₁-C₆ alkylsulfinic or C₁-C₆ haloalkylsulfinic, C₁-C₆ alkylsulfonic or C₁-C₆ haloalkylsulfonic, C₂-C₆ alkoxy-carbonyl or C₂-C₆ haloalkoxy-carbonyl, C₃-C₇ alkenyloxycarbonyl or C₃-C₇ alkynyloxycarbonyl, C₃-C₈ alkoxy-carbonylalkyl or C₃-C₈ haloalkoxy-carbonylalkyl, C₄-C₉ alkenyloxycarbonylalkyl or C₄-C₉ alkynyloxycarbonylalkyl, C₃-C₈ alkoxy-carbonylalkoxy, alkenyloxy-carbonylalkoxy C₄-C₉ or alkynyloxycarbonylalkoxy C₄-C₉, C₃-C₈ aminocarbonylalkoxy possibly substituted with C₁-C₄ alkyl or with a C₂-C₅ alkylene; CN, CHO, NO₂, NH₂, OH, C₁-C₃ cyanoalkyl, C₁-C₃ cyanoalkyloxy, C₂-C₆ formylalkyl, C₂-C₆ alkylcarbonyl, C₂-C₆ haloalkylcarbonyl, C₃-C₇ alkylcarbonylalkyl, C₂-C₆ alkoxyimino, C₂-C₆ haloalkoxyimino, C₃-C₆ alkoxyiminoalkyl, C₃-C₆ haloalkoxyiminoalkyl, alkoxyiminohaloalkyl C₃-C₆, aminocarbonyl, C₂-C₆ aminocarbonylalkyl, amino-sulfonyl or C₂-C₆ aminosulfonylalkyl, these last four groups possibly substituted with one or two C₁-C₄ alkyl groups or with a C₂-C₅ alkylene; C₁-C₆ alkylsul-

fonylamino, C₂-C₇ alkylcarbonylamino o C₂-C₇ alkoxy-
 carbonylamino, these last three groups possibly sub-
 stituted with C₁-C₄ alkyl groups; C₆-C₁₀ aryl, C₆-C₁₂
 arylalkyl, C₆-C₁₀ arylalkoxy, C₇-C₁₂ aryloxyalkyl, C₈-
 5 C₁₂ arylalkyloxyalkyl said groups in turn possibly
 substituted with halogen atoms, C₁-C₄ alkyl groups,
 C₁-C₃ haloalkyl groups, C₁-C₄ alkoxy groups, C₁-C₃ ha-
 loalkoxy groups, CN; C₃-C₇ cycloalkyl, C₆-C₁₂ cycloal-
 kylalkyl, C₆-C₁₀ cycloalkylalkoxy, tetrahydropyran-2-
 10 yl said groups in turn possibly substituted with
 halogen atoms, C₁-C₄ alkyl groups, C₁-C₄ alkoxy
 groups.

2. The uracils according to claim 1, characterized in that they are selected from:

- 15 - methyl (2E)-4-{2-chloro-4-fluoro-5-[1,2,3,6-tetrahydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)pyrimidin-1-yl]phenoxy}-3-methoxybut-2-enoate;
- methyl (2E)-4-{2,4-dichloro-5-[1,2,3,6-tetrahydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)pyrimidin-1-yl]phenoxy}-3-methoxybut-2-enoate;
- 20 - methyl (2E)-4-{2-chloro-4-fluoro-5-[1,2,3,6-tetrahydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)pyrimidin-1-yl]phenylthio}-3-methoxybut-2-enoate;
- 25 - ethyl (2E)-4-{2-chloro-4-fluoro-5-[1,2,3,6-tetrahydro-

- 3-methyl-2,6-dioxo-4-(trifluoromethyl)pyrimidin-1-yl]phenoxy}-3-ethoxybut-2-enoate;
- methyl (2E)-4-{2,4-dichloro-5-[1,2,3,6-tetrahydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)pyrimidin-1-yl]phenylthio}-3-methoxybut-2-enoate;
- 5 - ethyl (2E)-4-{2,4-dichloro-5-[1,2,3,6-tetrahydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)pyrimidin-1-yl]phenoxy}-3-ethoxybut-2-enoate;
- isopropyl (2E)-4-{2-chloro-4-fluoro-5-[1,2,3,6-tetrahydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)pyrimidin-1-yl]phenoxy}-3-methoxybut-2-enoate;
- 10 (trifluoromethyl)pyrimidin-1-yl]phenoxy}-3-methoxybut-2-enoate;
- methyl (2E)-4-{2-chloro-4-fluoro-5-[1,2,3,6-tetrahydro-2,6-dioxo-4-(trifluoromethyl)pyrimidin-1-yl]phenoxy}-3-methoxybut-2-enoate;
- 15 - methyl (2E)-4-{2,4-dichloro-5-[1,2,3,6-tetrahydro-2,6-dioxo-4-(trifluoromethyl)pyrimidin-1-yl]phenoxy}-3-methoxybut-2-enoate;
- ethyl (2E)-4-{2-chloro-4-fluoro-5-[1,2,3,6-tetrahydro-2,6-dioxo-4-(trifluoromethyl)pyrimidin-1-yl]phenoxy}-3-ethoxybut-2-enoate;
- 20 - ethyl (2E)-4-{2,4-dichloro-5-[1,2,3,6-tetrahydro-2,6-dioxo-4-(trifluoromethyl)pyrimidin-1-yl]phenoxy}-3-ethoxybut-2-enoate;
- 25 - 2,2,2-trifluoroethyl (2E)-4-{2-chloro-4-fluoro-5-

- [1,2,3,6-tetrahydro-2,6-dioxo-4-(trifluoromethyl)pyrimidin-1-yl]phenoxy}-3-methoxybut-2-enoate;
- (2E)-4-{2-chloro-4-fluoro-5-[1,2,3,6-tetrahydro-2,6-dioxo-4-(trifluoromethyl)pyrimidin-1-yl]phenoxy}-3-methoxy-N,N-dimethylbut-2-enamide;
- S-ethyl (2E)-4-{2-chloro-4-fluoro-5-[1,2,3,6-tetrahydro-2,6-dioxo-4-(trifluoromethyl)pyrimidin-1-yl]phenoxy}-3-methoxybut-2-enethioate;
- 10 - isopropyl (2E)-4-{2,4-dichloro-5-[1,2,3,6-tetrahydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)pyrimidin-1-yl]phenoxy}-3-methoxybut-2-enoate;
- 2,2,2-trifluoroethyl (2E)-4-{2-chloro-4-fluoro-5-[1,2,3,6-tetrahydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)pyrimidin-1-yl]phenoxy}-3-methoxybut-2-enoate;
- 15 - 2,2,2-trifluoroethyl (2E)-4-{2,4-dichloro-5-[1,2,3,6-tetrahydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)pyrimidin-1-yl]phenoxy}-3-methoxybut-2-enoate;
- S-ethyl (2E)-4-{2-chloro-4-fluoro-5-[1,2,3,6-tetrahydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)pyrimidin-1-yl]phenoxy}-3-methoxybut-2-enethioate;
- 20 - S-ethyl (2E)-4-{2,4-dichloro-5-[1,2,3,6-tetrahydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)pyrimidin-1-yl]phenoxy}-3-methoxybut-2-enethioate;
- 25 - (2E)-4-{2-chloro-4-fluoro-5-[1,2,3,6-tetrahydro-3-

- methyl-2,6-dioxo-4-(trifluoromethyl)pyrimidin-1-yl]phenoxy}-3-methoxy-N,N-dimethylbut-2-enamide;
- (2E)-4-{2,4-dichloro-5-[1,2,3,6-tetrahydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)pyrimidin-1-yl]phenoxy}-3-methoxy-N,N-dimethylbut-2-enamide;
- 5 methoxy-N,N-dimethylbut-2-enamide;
- (2E)-4-{2-chloro-4-fluoro-5-[1,2,3,6-tetrahydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)pyrimidin-1-yl]phenylthio}-3-methoxy-N,N-dimethylbut-2-enamide;
- (2E)-4-{2,4-dichloro-5-[1,2,3,6-tetrahydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)pyrimidin-1-yl]phenylthio}-3-methoxy-N,N-dimethylbut-2-enamide;
- 10 2,6-dioxo-4-(trifluoromethyl)pyrimidin-1-yl]phenylthio}-3-methoxy-N,N-dimethylbut-2-enamide;
- 3-[4-chloro-2-fluoro-5-(tetrazol-5-ylmethoxy)phenyl]-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 3-{4-chloro-2-fluoro-5-[(2-methyl-2H-tetrazol-5-yl)methoxy]phenyl}-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 15 yl)methoxy]phenyl}-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 3-[4-chloro-2-fluoro-5-(tetrazol-5-ylmethoxy)phenyl]-1-methyl-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 3-[2,4-dichloro-5-(tetrazol-5-ylmethoxy)phenyl]-1-methyl-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 20 methyl-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 3-{4-chloro-2-fluoro-5-[(2-methyl-2H-tetrazol-5-yl)methoxy]phenyl}-1-methyl-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 3-{4-chloro-2-fluoro-5-[(2-ethyl-2H-tetrazol-5-yl)methoxy]phenyl}-1-methyl-6-(trifluoromethyl)-
- 25

- 2,4(1*H*,3*H*)-pyrimidinedione;
- 3-{2,4-dichloro-5-[(2-methyl-2*H*-tetrazol-5-yl)methoxy]phenyl}-1-methyl-6-(trifluoromethyl)-
2,4(1*H*,3*H*)-pyrimidinedione;
5 - 3-{2,4-dichloro-5-[(2-ethyl-2*H*-tetrazol-5-yl)methoxy]phenyl}-1-methyl-6-(trifluoromethyl)-
2,4(1*H*,3*H*)-pyrimidinedione;
- 3-{4-chloro-2-fluoro-5-[(1-ethyl-1*H*-tetrazol-5-yl)methoxy]phenyl}-1-methyl-6-(trifluoromethyl)-
10 2,4(1*H*,3*H*)-pyrimidinedione;
- 3-{2,4-dichloro-5-[(1-ethyl-1*H*-tetrazol-5-yl)methoxy]phenyl}-1-methyl-6-(trifluoromethyl)-
2,4(1*H*,3*H*)-pyrimidinedione;
- 3-{5-[(5-*tert*-butyl-1,3,4-oxadiazol-2-yl)methoxy]-4-
15 chloro-2-fluorophenyl}-1-methyl-6-(trifluoromethyl)-
2,4(1*H*,3*H*)-pyrimidinedione;
- methyl [5-({2-chloro-4-fluoro-5-[1,2,3,6-tetrahydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)pyrimidin-1-yl]phenoxy)methyl}-1*H*-tetrazol-1-yl]acetate;
20 - methyl [5-({2,4-dichloro-5-[1,2,3,6-tetrahydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)pyrimidin-1-yl]phenoxy)methyl}-1*H*-tetrazol-1-yl]acetate;
- methyl [5-({2-chloro-4-fluoro-5-[1,2,3,6-tetrahydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)pyrimidin-1-yl]phenoxy)methyl}-2*H*-tetrazol-2-yl]acetate;
25

- methyl [5-({2,4-dichloro-5-[1,2,3,6-tetrahydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)pyrimidin-1-yl]phenoxy}methyl)-2H-tetrazol-2-yl]acetate;
- 3-[4-chloro-3-(tetrazol-5-yl)phenyl]-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 5 - 3-[4-chloro-3-(2-methyl-2H-tetrazol-5-yl)phenyl]-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 3-[4-chloro-3-(1-methyl-1H-tetrazol-5-yl)phenyl]-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 10 - 3-[4-chloro-3-(tetrazol-5-yl)phenyl]-1-methyl-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 3-[4-chloro-2-fluoro-5-(tetrazol-5-yl)phenyl]-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 3-[2,4-dichloro-5-(tetrazol-5-yl)phenyl]-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 15 - 3-[4-chloro-2-fluoro-5-(tetrazol-5-yl)phenyl]-1-methyl-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 3-[2,4-dichloro-5-(tetrazol-5-yl)phenyl]-1-methyl-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 20 - 3-[4-chloro-3-(2-methyl-2H-tetrazol-5-yl)phenyl]-1-methyl-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 3-[4-chloro-2-fluoro-5-(2-methyl-2H-tetrazol-5-yl)phenyl]-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 25 - 3-[2,4-dichloro-5-(2-methyl-2H-tetrazol-5-yl)phenyl]-6-

- (trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 3-[4-chloro-2-fluoro-5-(1-methyl-1H-tetrazol-5-yl)phenyl]-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 5 - 3-[2,4-dichloro-5-(1-methyl-1H-tetrazol-5-yl)phenyl]-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 3-[4-chloro-2-fluoro-5-(2-methyl-2H-tetrazol-5-yl)phenyl]-1-methyl-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 10 - 3-[2,4-dichloro-5-(2-methyl-2H-tetrazol-5-yl)phenyl]-1-methyl-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 3-[4-chloro-3-(2-ethyl-2H-tetrazol-5-yl)phenyl]-1-methyl-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 3-[4-chloro-3-(1-methyl-1H-tetrazol-5-yl)phenyl]-1-methyl-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 15 - 3-[4-chloro-2-fluoro-5-(1-methyl-1H-tetrazol-5-yl)phenyl]-1-methyl-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 3-[2,4-dichloro-5-(1-methyl-1H-tetrazol-5-yl)phenyl]-1-methyl-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 20 - 3-[4-chloro-3-(1-ethyl-1H-tetrazol-5-yl)phenyl]-1-methyl-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- methyl (5-{2-chloro-5-[1,2,3,6-tetrahydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)pyrimidin-1-yl]phenyl}-1H-tetrazol-1-yl)acetate;
- 25

- methyl (5-{2-chloro-5-[1,2,3,6-tetrahydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)pyrimidin-1-yl]phenyl}-2H-tetrazol-2-yl)acetate;
- methyl (5-{2-chloro-4-fluoro-5-[1,2,3,6-tetrahydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)pyrimidin-1-yl]phenyl}-1H-tetrazol-1-yl)acetate;
- methyl (5-{2-chloro-4-fluoro-5-[1,2,3,6-tetrahydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)pyrimidin-1-yl]phenyl}-2H-tetrazol-2-yl)acetate;
- 10 - methyl (5-{2,4-dichloro-5-[1,2,3,6-tetrahydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)pyrimidin-1-yl]phenyl}-1H-tetrazol-1-yl)acetate;
- methyl (5-{2,4-dichloro-5-[1,2,3,6-tetrahydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)pyrimidin-1-yl]phenyl}-2H-tetrazol-2-yl)acetate;
- 15 - 3-[4-chloro-3-(4-methoxy-5-methyl-1,3-thiazol-2-yl)phenyl-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 3-[2,4-dichloro-5-(4-methoxy-5-methyl-1,3-thiazol-2-yl)phenyl-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 20 - 3-[4-chloro-2-fluoro-5-(4-methoxy-5-methyl-1,3-thiazol-2-yl)phenyl-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 3-[4-chloro-3-(4-methoxy-5-methyl-1,3-thiazol-2-yl)phenyl-1-methyl-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 25

- 3-[4-chloro-3-(4-ethoxy-5-methyl-1,3-thiazol-2-yl)phenyl-1-methyl-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 3-[2,4-dichloro-5-(4-methoxy-5-methyl-1,3-thiazol-2-yl)phenyl-1-methyl-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 3-[2,4-dichloro-5-(4-ethoxy-5-methyl-1,3-thiazol-2-yl)phenyl-1-methyl-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 10 - 3-[4-chloro-2-fluoro-5-(4-methoxy-5-methyl-1,3-thiazol-2-yl)phenyl-1-methyl-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 3-[4-chloro-2-fluoro-5-(4-ethoxy-5-methyl-1,3-thiazol-2-yl)phenyl-1-methyl-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 15 - 3-[4-chloro-3-(4-benzyloxy-5-methyl-1,3-thiazol-2-yl)phenyl-1-methyl-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 3-[2,4-dichloro-5-(4-benzyloxy-5-methyl-1,3-thiazol-2-yl)phenyl-1-methyl-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 20 - 3-[4-chloro-2-fluoro-5-(4-benzyloxy-5-methyl-1,3-thiazol-2-yl)phenyl-1-methyl-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 25 - 3-(2,4-dichloro-5-{[5-(trifluoromethyl)-1,3,4-

- thiadiazol-2-yl]oxy}phenyl)-6-(trifluoromethyl)-
 2,4(1*H*,3*H*)-pyrimidinedione;
 - 3-(4-chloro-2-fluoro-5-{[5-(trifluoromethyl)-1,3,4-
 thiadiazol-2-yl]oxy}phenyl)-6-(trifluoromethyl)-
 5 2,4(1*H*,3*H*)-pyrimidinedione;
 - 3-(2,4-dichloro-5-{[5-(trifluoromethyl)-1,3,4-
 oxadiazol-2-yl]oxy}phenyl)-6-(trifluoromethyl)-
 2,4(1*H*,3*H*)-pyrimidinedione;
 - 3-(4-chloro-2-fluoro-5-{[5-(trifluoromethyl)-1,3,4-
 10 oxadiazol-2-yl]oxy}phenyl)-6-(trifluoromethyl)-
 2,4(1*H*,3*H*)-pyrimidinedione;
 - 3-(4-chloro-3-{[5-(trifluoromethyl)-1,3,4-thiadiazol-2-
 yl]oxy}phenyl)-1-methyl-6-(trifluoromethyl)-2,4(1*H*,3*H*)-
 pyrimidinedione;
 15 - 3-(2,4-dichloro-5-{[5-(trifluoromethyl)-1,3,4-
 thiadiazol-2-yl]oxy}phenyl)-1-methyl-6-(trifluoromethyl)-
 2,4(1*H*,3*H*)-pyrimidinedione;
 - 3-(4-chloro-2-fluoro-5-{[5-(trifluoromethyl)-1,3,4-
 thiadiazol-2-yl]oxy}phenyl)-1-methyl-6-(trifluoromethyl)-
 20 2,4(1*H*,3*H*)-pyrimidinedione;
 - 3-{4-chloro-3-[(5-methyl-1,3,4-thiadiazol-2-
 yl]oxy}phenyl)-1-methyl-6-(trifluoromethyl)-2,4(1*H*,3*H*)-
 pyrimidinedione;
 - 3-{2,4-dichloro-5-[(5-methyl-1,3,4-thiadiazol-2-
 25 yl]oxy}phenyl)-1-methyl-6-(trifluoromethyl)-2,4(1*H*,3*H*)-

- pyrimidinedione;
- 3-{4-chloro-2-fluoro-5-[(5-methyl-1,3,4-thiadiazol-2-yl)oxy]phenyl}-1-methyl-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 5 - 3-(4-chloro-3-{[5-(trifluoromethyl)-1,3,4-oxadiazol-2-yl]oxy}phenyl)-1-methyl-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 3-(2,4-dichloro-5-{[5-(trifluoromethyl)-1,3,4-oxadiazol-2-yl]oxy}phenyl)-1-methyl-6-(trifluoromethyl)-
- 10 2,4(1H,3H)-pyrimidinedione;
- 3-(4-chloro-2-fluoro-5-{[5-(trifluoromethyl)-1,3,4-oxadiazol-2-yl]oxy}phenyl)-1-methyl-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 3-{4-chloro-3-[(5-methyl-1,3,4-oxadiazol-2-
- 15 yl)oxy]phenyl}-1-methyl-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 3-{2,4-dichloro-5-[(5-methyl-1,3,4-oxadiazol-2-yl)oxy]phenyl}-1-methyl-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 20 - 3-{4-chloro-2-fluoro-5-[(5-methyl-1,3,4-oxadiazol-2-yl)oxy]phenyl}-1-methyl-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- methyl (2E)-4-{2-chloro-4-fluoro-5-[1,2,3,6-tetrahydro-3-methyl-6-oxo-2-thioxo-4-(trifluoromethyl)pyrimidin-1-
- 25 yl]phenoxy}-3-methoxybut-2-enoate;

- methyl (2E)-4-{2-chloro-4-fluoro-5-[1,2,3,6-tetrahydro-3-difluoromethyl-2,6-dioxo-4-(trifluoromethyl)pyrimidin-1-yl]phenoxy}-3-methoxybut-2-enoate;
- 3-[4-chloro-3-(4,5-dimethyl-1,3-thiazol-2-yl)phenyl]-1-methyl-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 5 - methyl (2E)-4-{2,4-dichloro-5-[1,2,3,6-tetrahydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)pyrimidin-1-yl]phenoxy}-3-methoxypent-2-enoate;
- methyl (2E)-4-{2-chloro-4-fluoro-5-[1,2,3,6-tetrahydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)pyrimidin-1-yl]phenoxy}-3-methoxypent-2-enoate;
- 10 - ethyl (2E)-4-{2,4-dichloro-5-[1,2,3,6-tetrahydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)pyrimidin-1-yl]phenoxy}-3-methoxybut-2-enoate;
- 15 - ethyl (2E)-4-{2-chloro-4-fluoro-5-[1,2,3,6-tetrahydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)pyrimidin-1-yl]phenoxy}-3-methoxybut-2-enoate;
- 3-{4-chloro-3-[2-(methoxymethyl)-2H-tetrazol-5-yl]phenyl}-1-methyl-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 20 - 3-{4-chloro-3-[1-(methoxymethyl)-1H-tetrazol-5-yl]phenyl}-1-methyl-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 3-{4-chloro-3-[2-(ethoxymethyl)-2H-tetrazol-5-yl]phenyl}-1-methyl-6-(trifluoromethyl)-2,4(1H,3H)-
- 25

- pyrimidinedione;
- 3-{4-chloro-3-[1-(ethoxymethyl)-1H-tetrazol-5-yl]phenyl}-1-methyl-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 5 - 3-[3-(2-allyl-2H-tetrazol-5-yl)-4-chlorophenyl]-1-methyl-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 3-[3-(1-allyl-1H-tetrazol-5-yl)-4-chlorophenyl]-1-methyl-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 3-{4-chloro-2-fluoro-5-[(3-methylisoxazol-5-yl)methoxy]phenyl}-1-methyl-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 10 - 3-{2,4-dichloro-5-[(3-methylisoxazol-5-yl)methoxy]phenyl}-1-methyl-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 15 - 3-[4-chloro-3-(4-isopropoxy-5-methyl-1,3-thiazol-2-yl)phenyl]-1-methyl-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 3-[4-chloro-3-(4-hydroxy-5-methyl-1,3-thiazol-2-yl)phenyl]-1-methyl-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 20 - 3-{4-chloro-2-fluoro-5-[(5-methyl-1,2,4-oxadiazol-3-yl)methoxy]phenyl}-1-methyl-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 3-{2,4-dichloro-5-[(5-methyl-1,2,4-oxadiazol-3-yl)methoxy]phenyl}-1-methyl-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 25 - 3-{2,4-dichloro-5-[(5-methyl-1,2,4-oxadiazol-3-yl)methoxy]phenyl}-1-methyl-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;

- 2,4(1*H*,3*H*)-pyrimidinedione;
- 3-[3-(1,3-benzothiazol-2-yl)-4-chlorophenyl]-1-methyl-6-(trifluoromethyl)-2,4(1*H*,3*H*)-pyrimidinedione;
- 3-[3-(1,3-benzoxazol-2-yl)-4-chlorophenyl]-1-methyl-6-
- 5 (trifluoromethyl)-2,4(1*H*,3*H*)-pyrimidinedione;
- 3-{4-chloro-2-fluoro-5-[(3-methyl-1,2,4-oxadiazol-5-yl)methoxy]phenyl}-1-methyl-6-(trifluoromethyl)-2,4(1*H*,3*H*)-pyrimidinedione;
- 3-[4-chloro-3-(4-methyl-1,3-thiazol-2-yl)phenyl]-1-
- 10 methyl-6-(trifluoromethyl)-2,4(1*H*,3*H*)-pyrimidinedione;
- 3-[4-chloro-2-fluoro-5-(1,2,4-oxadiazol-3-ylmethoxy)phenyl]-1-methyl-6-(trifluoromethyl)-2,4(1*H*,3*H*)-pyrimidinedione;
- 3-[3-(2-*tert*-butyl-2*H*-tetrazol-5-yl)-4-chlorophenyl]-1-
- 15 methyl-6-(trifluoromethyl)-2,4(1*H*,3*H*)-pyrimidinedione;
- 3-[5-(1,3-benzothiazol-2-yl)-4-chloro-2-fluorophenyl]-1-methyl-6-(trifluoromethyl)-2,4(1*H*,3*H*)-pyrimidinedione;
- 3-(4-chloro-3-{2-[(2-methoxyethoxy)methyl]-2*H*-tetrazol-5-yl}phenyl)-1-methyl-6-(trifluoromethyl)-2,4(1*H*,3*H*)-
- 20 pyrimidinedione;
- 3-(4-chloro-3-{1-[(2-methoxyethoxy)methyl]-1*H*-tetrazol-5-yl}phenyl)-1-methyl-6-(trifluoromethyl)-2,4(1*H*,3*H*)-pyrimidinedione;
- 3-[5-(1,3-benzoxazol-2-yl)-4-chloro-2-fluorophenyl]-1-
- 25 methyl-6-(trifluoromethyl)-2,4(1*H*,3*H*)-pyrimidinedione;

- 3-[5-(1,3-benzothiazol-2-yl)-2,4-dichlorophenyl]-1-methyl-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 3-[2,4-dichloro-5-(6-methyl-1,3-benzoxazol-2-yl)phenyl]-1-methyl-6-(trifluoromethyl) 2,4(1H,3H)-
5 pyrimidinedione;
- 2-(5-{2-chloro-5-[1,2,3,6-tetrahydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)pyrimidin-1-yl]phenyl}-2H-tetrazol-2-yl)-N,N-dimethylacetamide;
- 2-(5-{2-chloro-5-[1,2,3,6-tetrahydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)pyrimidin-1-yl]phenyl}-2H-tetrazol-2-yl)acetamide;
10
- 3-[2,4-dichloro-5-(4-methyl-1,3-thiazol-2-yl)phenyl]-1-methyl-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 3-[3-(4-tert-butyl-1,3-thiazol-2-yl)-4-chlorophenyl]-1-methyl-6-(trifluoromethyl) 2,4(1H,3H)-pyrimidinedione;
15
- 3-[2,4-dichloro-5-(4-isobutyl-1,3-thiazol-2-yl)phenyl]-1-methyl-6-(trifluoromethyl) 2,4(1H,3H)-pyrimidinedione;
- 3-[4-chloro-3-(1,3-thiazol-2-yl)phenyl]-1-methyl-6-(trifluoromethyl) 2,4(1H,3H)-pyrimidinedione;
- ethyl 2-{2-chloro-5-[1,2,3,6-tetrahydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)pyrimidin-1-yl]phenyl}-4-methyl-1,3-thiazole-5-carboxylate;
20
- 3-{5-[(3-tert-butylisoxazol-5-yl)methoxy]-4-chloro-2-fluorophenyl}-1-methyl-6-(trifluoromethyl)-2,4(1H,3H)-
25 pyrimidinedione;

- 3-{4-chloro-2-fluoro-5-[(3-isopropylisoxazol-5-yl)methoxy]phenyl}-1-methyl-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 3-[4-chloro-3-(2-isopropyl-2H-tetrazol-5-yl)phenyl]-1-methyl-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 3-[3-(2-benzyl-2H-tetrazol-5-yl)-4-chlorophenyl]-1-methyl-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 3-[3-(1-benzyl-1H-tetrazol-5-yl)-4-chlorophenyl]-1-methyl-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 10 - 3-{4-chloro-2-fluoro-5-[(1-methyl-1H-tetrazol-5-yl)oxy]phenyl}-1-methyl-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 3-{4-chloro-2-fluoro-5-[(2-methyl-2H-tetrazol-5-yl)oxy]phenyl}-1-methyl-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 15 - methyl (2E)-4-{2-chloro-5-[1,2,3,6-tetrahydro-3-methyl-2,6-dioxo-4(trifluoromethyl)pyrimidin-1-yl]phenoxy}-3-methoxybut-2-enoate;
- ethyl (2E)-4-{2-chloro-5-[1,2,3,6-tetrahydro-3-methyl-2,6-dioxo-4(trifluoromethyl)pyrimidin-1-yl]phenoxy}-3-ethoxybut-2-enoate;
- 20 - 3-[4-chloro-3-(1,2,4-oxadiazol-3-ylmethoxy)phenyl]-1-methyl-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 3-{4-chloro-3-[(3-methylisoxazol-5-yl)methoxy]phenyl}-1-methyl-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 25

- 3-[4-chloro-3-(4,5,6,7-tetrahydro-1,3-benzothiazol-2-yl)phenyl]-1-methyl-6-(trifluoromethyl)-2,4(1*H*,3*H*)-pyrimidinedione;
- 3-[4-chloro-3-(5,6-dihydro-1,4,2-dioxazin-3-yl)phenyl]-1-methyl-6-(trifluoromethyl)-2,4(1*H*,3*H*)-pyrimidinedione;
- 5 - 3-[4-chloro-3-(4-methyl-5-oxo-5,6-dihydro-4*H*-1,3,4-oxadiazin-2-yl)phenyl]-1-methyl-6-(trifluoromethyl)-2,4(1*H*,3*H*)-pyrimidinedione;
- 3-[4-chloro-3-(5,6-dihydro-1,4,2-dioxazin-3-ylmethoxy)-2-fluorophenyl]-1-methyl-6-(trifluoromethyl)-2,4(1*H*,3*H*)-pyrimidinedione;
- 10 - 3-{4-chloro-2-fluoro-5-[(4-methyl-5-oxo-5,6-dihydro-4*H*-1,3,4-oxadiazin-2-yl)methoxy]phenyl}-1-methyl-6-(trifluoromethyl)-2,4(1*H*,3*H*)-pyrimidinedione;
- 15 - 3-[4-chloro-3-(2-phenyl-2*H*-tetrazol-5-yl)phenyl]-1-methyl-6-(trifluoromethyl)-2,4(1*H*,3*H*)-pyrimidinedione;
- 3-[4-chloro-3-(1-phenyl-1*H*-tetrazol-5-yl)phenyl]-1-methyl-6-(trifluoromethyl)-2,4(1*H*,3*H*)-pyrimidinedione;
- 3-{4-chloro-3-[1-(cyclopropylmethyl)-1*H*-tetrazol-5-yl]phenyl}-1-methyl-6-(trifluoromethyl)-2,4(1*H*,3*H*)-pyrimidinedione;
- 20 - 3-{4-chloro-3-[2-(cyclopropylmethyl)-2*H*-tetrazol-5-yl]phenyl}-1-methyl-6-(trifluoromethyl)-2,4(1*H*,3*H*)-pyrimidinedione;
- 25 - 3-{4-chloro-3-[1-(2-oxopropyl)-1*H*-tetrazol-5-

- yl]phenyl}-1-methyl-6-(trifluoromethyl)-2,4(1H,3H)-
pyrimidinedione;
- 3-{4-chloro-3-[2-(2-oxopropyl)-2H-tetrazol-5-
yl]phenyl}-1-methyl-6-(trifluoromethyl)-2,4(1H,3H)-
5 pyrimidinedione;
- 3-[4-chloro-3-(4-cyclopropyl-1,3-thiazol-2-yl)phenyl]-
1-methyl-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 3-{4-chloro-3-[4-(4-chlorophenyl)-1,3-thiazol-2-
yl]phenyl}-1-methyl-6-(trifluoromethyl)-2,4(1H,3H)-
10 pyrimidinedione;
- ethyl 2-{2-chloro-5-[1,2,3,6-tetrahydro-3-methyl-2,6-
dioxo-4-(trifluoromethyl)pyrimidin-1-yl]phenyl}-1,3-
thiazole-4-carboxylate;
- 3-[3-(2-butyl-2H-tetrazol-5-yl)-4-chlorophenyl]-1-
15 methyl-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione;
- 3-[4-chloro-2-fluoro-5-(5,6-dihydro-1,4,2-dioxazin-3-
ylmethoxy)-2-fluorophenyl]-1-methyl-6-(trifluoromethyl)-
2,4(1H,3H)-pyrimidinedione;
- 3-(4-chloro-3-{2-[(4-chlorophenoxy)methyl]-2H-tetrazol-
20 5-yl}phenyl)-1-methyl-6-(trifluoromethyl)-2,4(1H,3H)-
pyrimidinedione;
- 3-(4-chloro-3-{1-[(4-chlorophenoxy)methyl]-1H-tetrazol-
5-yl}phenyl)-1-methyl-6-(trifluoromethyl)-2,4(1H,3H)-
pyrimidinedione;
- 25 - 3-[3-(4-tert-butyl-5-oxo-4,5-dihydro-1,3,4-thiadiazol-

2-yl)-4-chlorophenyl]-1-methyl-6-(trifluoromethyl)-
2,4(1H,3H)-pyrimidinedione;

- 3-{4-chloro-3-[2-(4-chlorobenzyl)-2H-tetrazol-5-
yl]phenyl}-1-methyl-6-(trifluoromethyl)-2,4(1H,3H)-

5 pyrimidinedione;

- 3-{4-chloro-3-[1-(4-chlorobenzyl)-1H-tetrazol-5-
yl]phenyl}-1-methyl-6-(trifluoromethyl)-2,4(1H,3H)-
pyrimidinedione;

- methyl 2-{2-chloro-5-[1,2,3,6-tetrahydro-3-methyl-2,6-
10 dioxo-4-(trifluoromethyl)pyrimidin-1-yl]phenyl}-1,3-
thiazole-4-carboxylate;

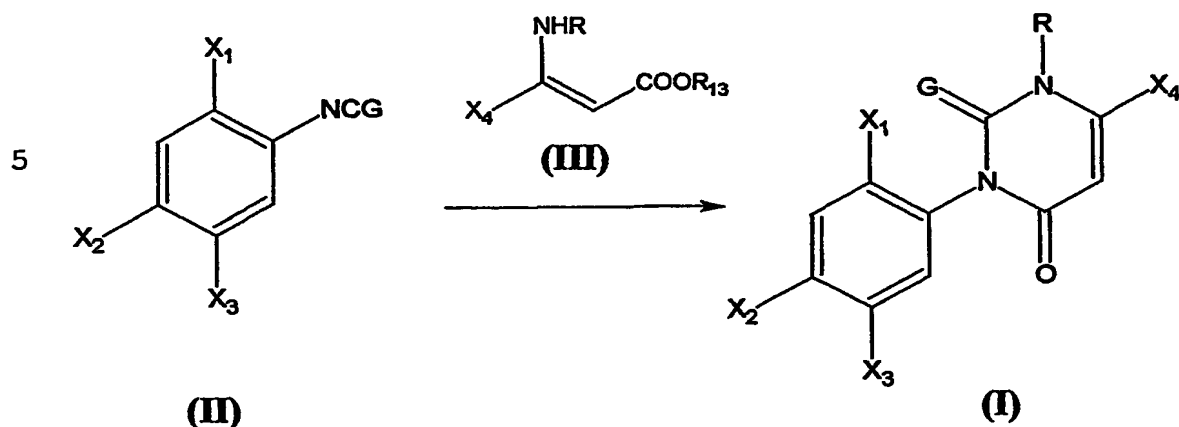
- methyl (2-{2-chloro-5-[1,2,3,6-tetrahydro-3-methyl-2,6-
dioxo-4-(trifluoromethyl)pyrimidin-1-yl]phenyl}-1,3-
thiazol-4-yl)acetate.

15 3. The uracils according to claim 1 characterized in
that they are compounds having formula (I) isomerically
pure, or in an isomeric mixture in any proportion.

4. A process for the preparation of compounds having
general formula (I) according to any of the claims 1-3,
20 characterized in that it includes a cyclo-condensation
reaction of an isocyanate or isothiocyanate having gen-
eral formula (II) with a 3-aminocrotonate having general
formula (III) according to reaction scheme 1

Scheme 1:

25



10

wherein

- X_1 , X_2 , X_3 , X_4 , R and G have the meanings previously defined;
- R_{13} represents a C_1 - C_4 alkyl or C_1 - C_4 haloalkyl group or
- 15 a phenyl group possibly substituted with C_1 - C_4 alkyl groups.

5. The process according to claim 4, characterized in that the reaction is carried out in the presence of an inert organic solvent and in the presence of an organic

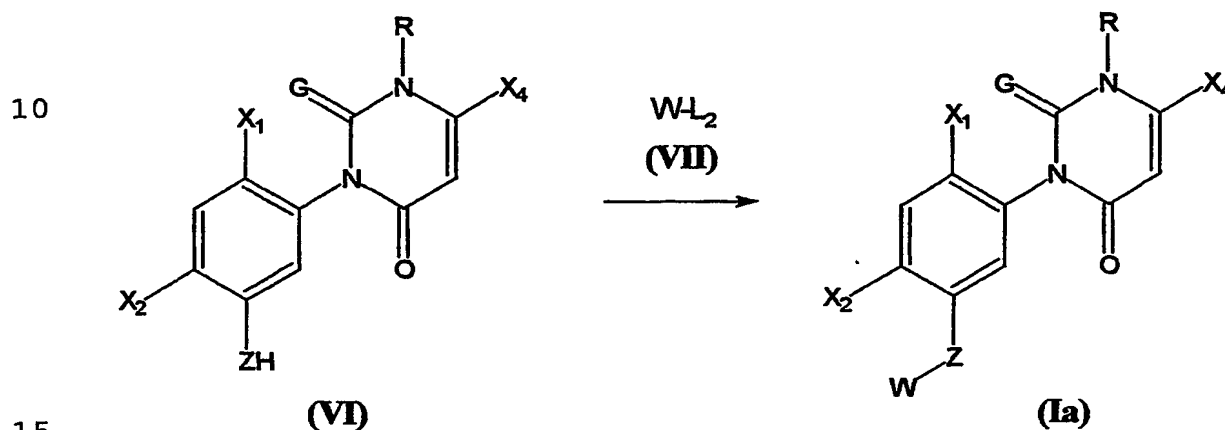
20 base or preferably inorganic base, at a temperature ranging from -20°C to the boiling point of the reaction mixture.

6. The process according to claim 4, characterized in that the isocyanates or isothiocyanates having general

25 formula (II) are prepared starting from a substituted

general formula (I) according to any of the claims 1-3,
 wherein X_3 represents a $Q(CR_1R_2)_nZ$ - group, a Q_1Z - group, a
 $Y(OC)-CR_6=CR_5-CR_3R_4Z$ - group, compounds (Ia), characterized
 in that it comprises the reaction of a uracil having gen-
 5 eral formula (VI) with a compound having general formula
 (VII) according to reaction scheme 3

Scheme 3:

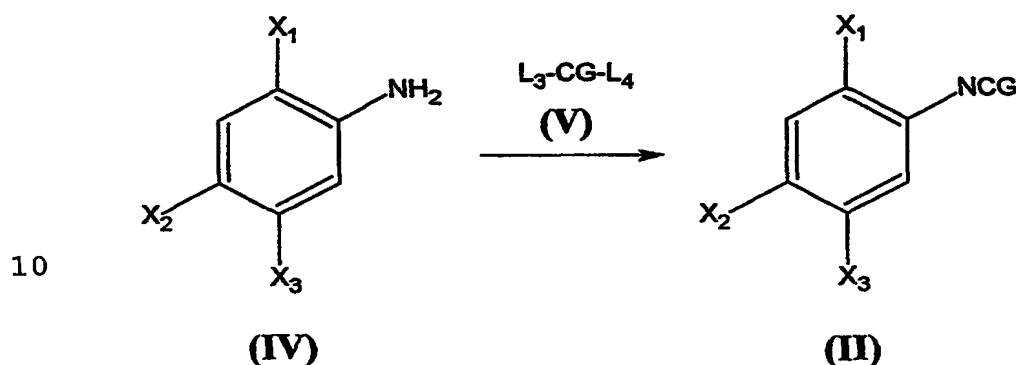


wherein

- X_1 , X_2 , X_4 , G and Z have the meanings previously de-
fined;
- 20 - R represents a C_1-C_3 alkyl group or a C_1-C_3 haloalkyl
group;
- W represents a $Q(CR_1R_2)_n$ - group, a Q_1 - group, a $Y(OC)-$
 $CR_6=CR_5-CR_3R_4$ - group, wherein R_1 , R_2 , R_3 , R_4 , R_5 , R_6 , Y, Q
 and Q_1 have the meanings defined above;
- 25 - L_2 represents a halogen atom, a R_LSO_2O - group, wherein

aniline having general formula (IV) by reaction with a compound having general formula (V), such as phosgene, diphosgene, triphosgene or thiophosgene, according to reaction scheme 2

5 Scheme 2:



wherein

- X_1 , X_2 , X_3 and G have the meanings defined above;
- 15 - L_3 and L_4 , the same or different, represent a chlorine atom or a $\text{CCl}_3\text{O-}$ group.

7. The process according to claim 6, characterized in that the reaction is carried out in the presence of an inert organic solvent, at a temperature ranging from 0°C to the boiling point of the mixture itself, possibly in the presence of a catalyst such as triethylamine, in an amount ranging from 0.001 and 100% by weight with respect to the aniline (IV), with a quantity of reagent (V) varying from 1 to 3 moles per mole of aniline (IV).

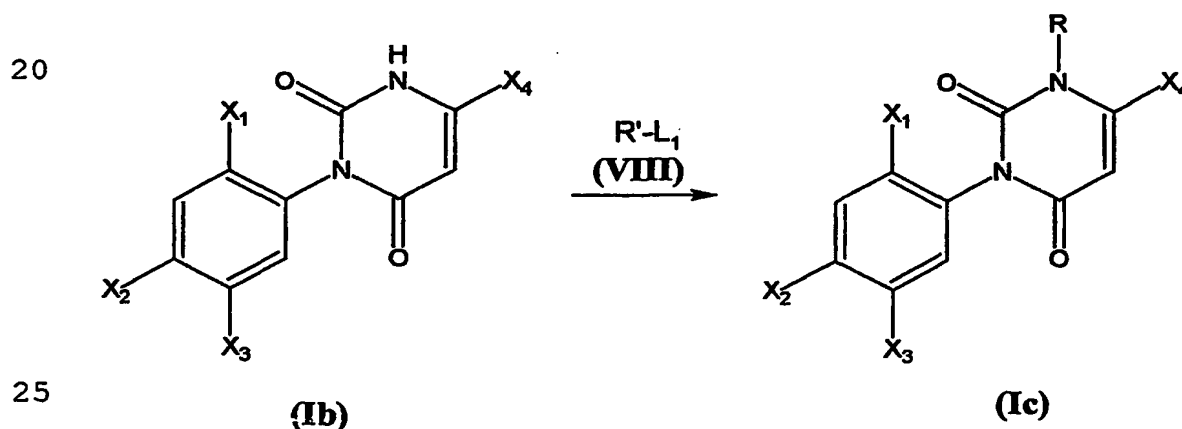
25 8. The process for the preparation of compounds having

R_L represents a C_1 - C_4 alkyl or C_1 - C_4 haloalkyl group or a phenyl group possibly substituted by C_1 - C_4 alkyl groups, or it represents a $R_{L1}SO_2$ - group wherein R_{L1} represents a C_1 - C_4 alkyl or C_1 - C_4 haloalkyl group.

9. The process according to claim 8, characterized in that the reaction between the compounds having general formula (VI) and the compounds having general formula (VII) is carried out in the presence of one or more inert organic solvent(s) and in the presence of a base, preferably an inorganic base, at a temperature ranging from -10°C to the boiling point of the reaction mixture.

10. The process for the preparation of the compounds having general formula (I) according to any of the claims 1-3, wherein $G = O$ and $R \neq H$, compounds (Ic), characterized in that it comprises the reaction of a uracil having general formula (Ib) with an alkylating compound having general formula (VIII) according to reaction scheme 4

Scheme 4:

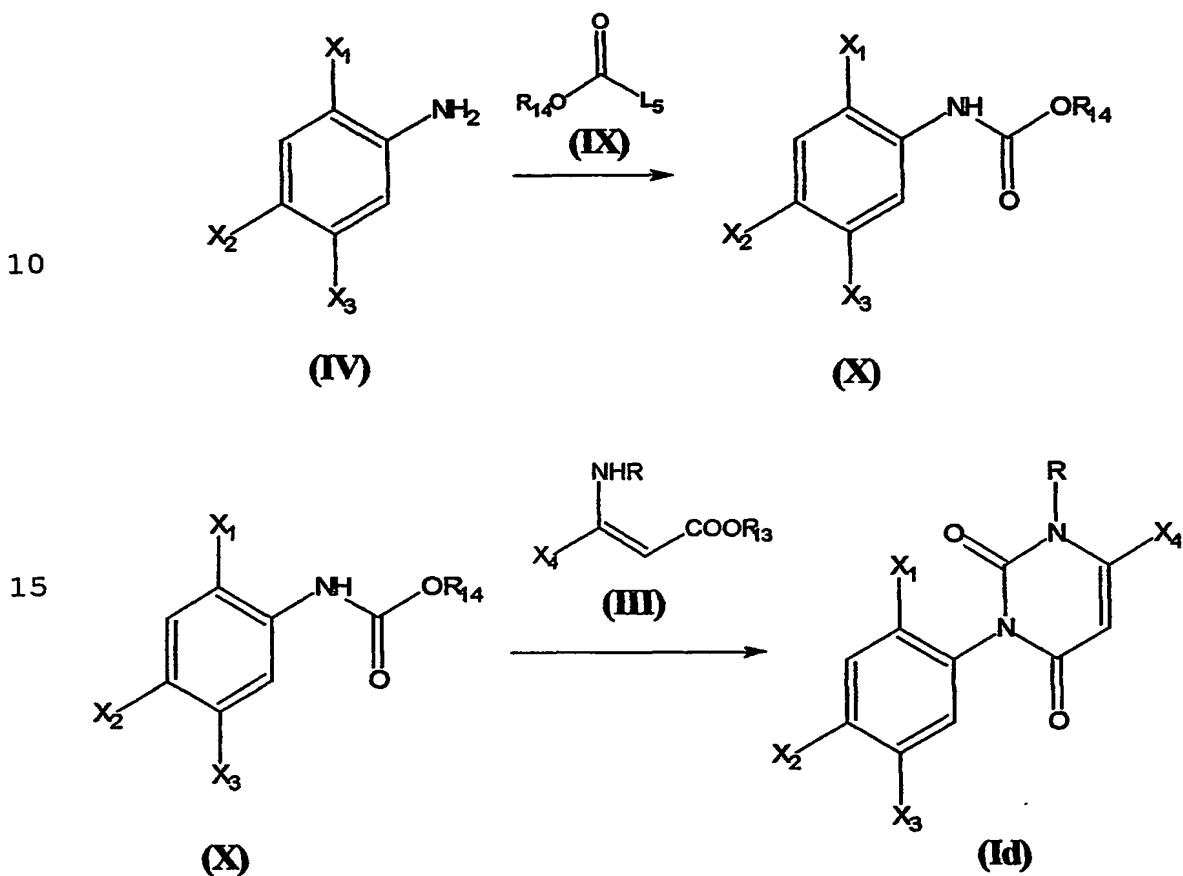


wherein

- X_1 , X_2 , X_3 and X_4 have the meanings defined above;
 - R' represents a C_1 - C_3 alkyl or C_1 - C_3 haloalkyl group;
 - 5 - L_1 represents a halogen atom, or a R_LSO_2O- group wherein R_L represents a C_1 - C_4 alkyl or C_1 - C_4 haloalkyl group or a phenyl group possibly substituted by C_1 - C_4 alkyl groups.
11. The process according to claim 10, characterized in that the reaction between the compounds having general
- 10 formula (Ib) and the compound having general formula (VIII) is carried out in the presence of one or more inert organic solvents and in the presence of a base, preferably an inorganic base, at a temperature ranging from -10°C to the boiling point of the reaction mixture.
- 15 12. The process according to claim 8 or claim 10, characterized in that the reaction is carried out in a biphasic system using water as solvent and an organic solvent immiscible with water, in the presence of phase transfer catalysts.
- 20 13. The process for the preparation of compounds having general formula (I) according to any of the claims 1-3, wherein $G=O$, compounds (Id), characterized in that it comprises a first reaction between a substituted aniline having formula (IV) and a chloroformate or a carbonate
- 25 having formula (IX) to give a carbamate having formula

(X) and a second reaction wherein the carbamate is converted into the compounds having general formula (Id) by cyclo-condensation with a 3-aminocrotonate having general formula (III), according to reaction scheme 5:

5 Scheme 5:



wherein

- X_1 , X_2 , X_3 , X_4 and R have the meanings defined above;

- L_5 represents a halogen atom or a OR_{14} group;

- R_{13} and R_{14} represent a C_1 - C_4 alkyl or C_1 - C_4 haloalkyl

25 group or a phenyl group possibly substituted by C_1 - C_4 al-

kyl groups.

14. The process according to claim 13, characterized in that the first reaction is carried out in the presence of an inert organic solvent, at a temperature ranging from
5 -10°C to the boiling point of the mixture itself, in the presence of an organic or inorganic base, in a quantity varying from 1 to 1.5 moles per mole of aniline (IV), with a quantity of compound having formula (IX) varying from 1 to 1.5 moles per mole of aniline (IV).

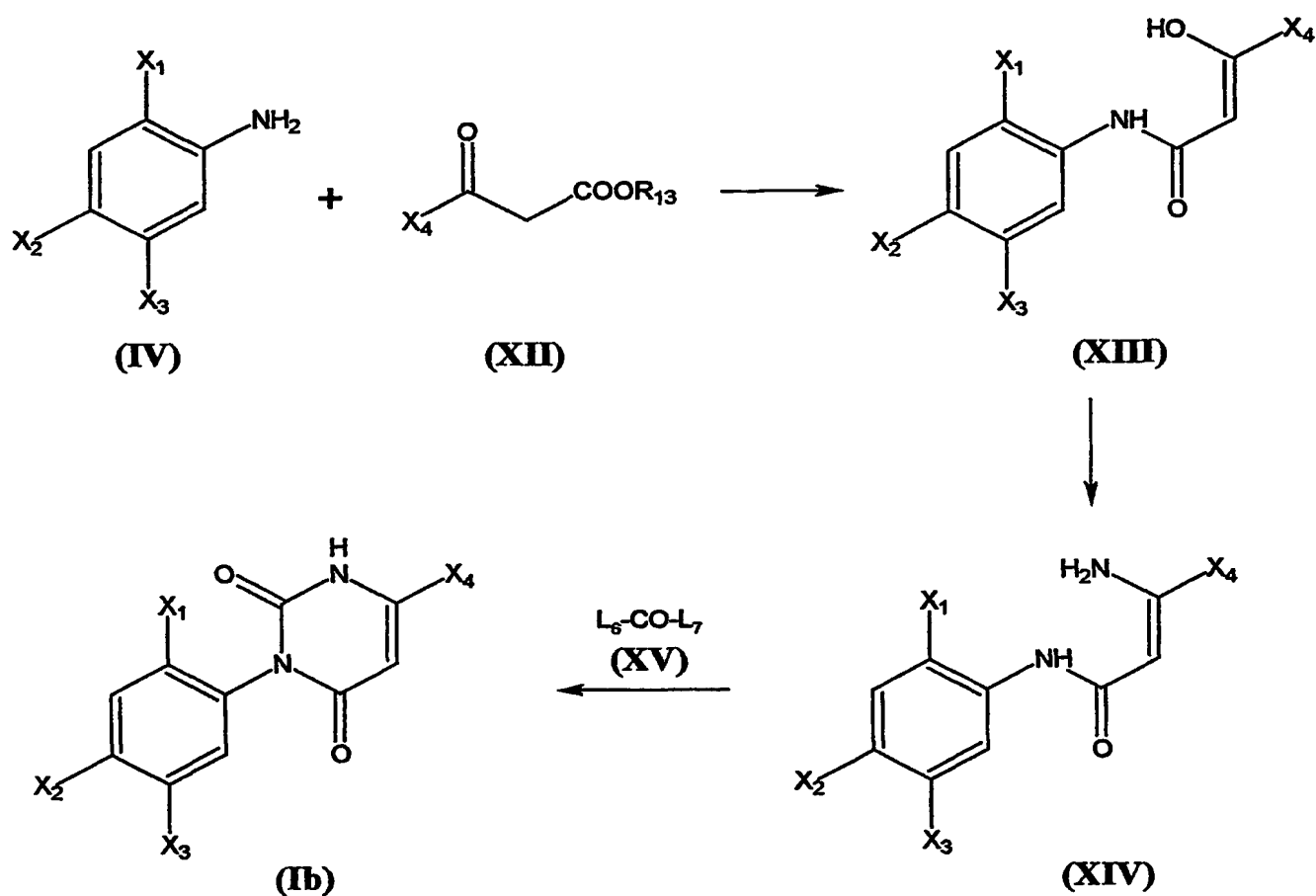
10 15. The process according to claim 13, characterized in that the cyclo-condensation reaction of the carbamate having general formula (X) with the 3-aminocrotonate having general formula (III) is carried out in the presence of an inert organic solvent and in the presence of an or-
15 ganic or preferably inorganic base, at a temperature ranging from -20°C to the boiling point of the reaction mixture.

16. The process according to claim 10, characterized in that the compounds having general formula (Ib) are pre-
20 pared starting from an aniline having general formula (IV) by reaction with a β -ketoester having general formula (XII), to give an anilide having general formula (XIII), then converted into the intermediate of general formula (XIV) by amination with ammonia or ammonium
25 salts, said intermediate being converted into the com-

pounds of general formula (Ib) by cyclization with a compound of general formula (XV), such as phosgene, or di-phosgene according to the reaction scheme 6

Scheme 6:

5



10

wherein:

- X_1 , X_2 , X_3 and X_4 have the meanings defined above;
- R_{13} represents a C_1 - C_4 alkyl or haloalkyl group or a phenyl group possibly substituted by C_1 - C_4 alkyl groups;
- L_6 and L_7 , having the same or different meaning, represent a chlorine atom, a CCl_3O - group, a C_1 - C_4 alkoxy group, a phenoxy group, an imidazol-1-yl group or a 1,2,4-triazol-1-yl group.

17. The process according to claim 16, characterised in that the reaction between the compounds having general formula (IV) and the compounds having general formula (XII) is carried out in the presence of one or more inert organic solvents, at a temperature ranging from -10°C to the boiling temperature of the reaction mixture, using an amount of compound (XII) ranging from 1 to 3 moles per mole of aniline (IV).

18. The process according to claim 17, characterised in that the reaction is carried out while distilling off compound $R_{13}OH$ formed during the reaction, alone or in mixture with the solvent used.

19. The process according to claim 16, characterised in that the transformation of compounds having general formula (XIII) into compounds having general formula (XIV) is carried out in the presence of one or more inert organic solvents, at a temperature ranging from -10°C to the boiling temperature of the reaction mixture, using

ammonia or an ammonium salt, in an amount ranging from 1 to 20 moles per mole of compound (XIII).

20. The process according to claim 16, characterised in that the reaction between the compounds having general formula (XIV) and the compounds having general formula (XV) is carried out in the presence of one or more inert organic solvents, at a temperature ranging from -10°C to the boiling temperature of the reaction mixture, using an amount of compound (XV) ranging from 1 to 5 moles per mole of compound (XIV) in the presence of a suitable organic or inorganic base, in an amount ranging from 1 to 5 moles per mole of compound (XIV).

21. Use of uracils having general formula (I) according to any of the claims 1-3, as herbicides.

22. Use according to claim 21 for the pre-emergence and/or post-emergence control of monocotyledonous or dicotyledonous weeds.

23. Method for the control of weeds in cultivated areas by the application of the compounds having general formula (I) according to claims 1-3.

24. The method according to claim 23, characterized in that the amount of compound having formula (I) to be applied varies between dosages of compounds ranging from 1g to 1000g per hectare.

25. The herbicidal compositions containing, as active

principle, one or more compounds having general formula (I) according to claims 1-3, possibly also as a blend of isomers.

26. The herbicidal compositions according to claim 25, comprising other active principles which are compatible with the compounds having general formula (I), such as other herbicides, fungicides, insecticides, acaricides, fertilizers, etc..

27. The herbicidal compositions according to claim 25, characterized in that the further herbicides are selected from:

acetochlor, acifluorfen, aclonifen, AKH-7088, alachlor, alloxydim, ametryn, amicarbazone, amidosulfuron, amitrole, anilofos, asulam, atrazine, azafenidin, azimsulfuron, aziprotryne, BAY MKH 6561, beflubutamid, benazolin, benfluralin, benfuresate, bensulfuron, bensulide, bentazone, benzfendizone, benzobicyclon, benzofenap, benzthiazuron, bifenox, bilanafos, bispyribac-sodium, bromacil, bromobutide, bromofenoxim, bromoxynil, butachlor, butafenacil, butamifos, butenachlor, butralin, butroxydim, butylate, cafenstrole, carbetamide, carfentrazone-ethyl, chlomethoxyfen, chloramben, chlorbromuron, chlorbufam, chlorflurenol, chloridazon, chlorimuron, chlornitrofen, chlorotoluron, chloroxuron, chlorpropham, chlorsulfuron, chlorthal, chlorthiamid, cinidon ethyl, cinmethylin, ci-

nosulfuron, clethodim, clodinafop, clomazone, clomeprop, clopyralid, cloransulam-methyl, cumyluron (JC-940), cyanazine, cycloate, cyclosulfamuron, cycloxydim, cyhalofop-butyl, 2,4-D, 2,4-DB, daimuron, dalapon, desmedipham, 5 desmetryn, dicamba, dichlobenil, dichlorprop, dichlorprop-P, diclofop, diclosulam, diethatyl, difenoxuron, difenzoquat, diflufenican, diflufenzopyr, dimefuron, dimepiperate, dimethachlor, dimethametryn, dimethenamid, dinitramine, dinoseb, dinoseb acetate, dinoterb, diphen- 10 amid, dipropetryn, diquat, dithiopyr, 1-diuron, eglinazine, endothal, EPTC, esprocarb, ethalfluralin, ethametsulfuron-methyl, ethidimuron, ethiozin (SMY 1500), ethofumesate, ethoxyfen-ethyl (HC-252), ethoxysulfuron, etobenzanid (HW 52), fenoxaprop, fenoxaprop-P, fentraza- 15 mide, fenuron, flamprop, flamprop-M, flazasulfuron, florasulam, fluazifop, fluazifop-P, fluazolate (JV 485), flucarbazone-sodium, fluchloralin, flufenacet, flufenpyr ethyl, flumetsulam, flumiclorac-pentyl, flumioxazin, flumipropin, fluometuron, fluoroglycofen, fluoronitrofen, 20 flupoxam, flupropanate, flupyrsulfuron, flurenol, fluridone, flurochloridone, fluroxypyr, flurtamone, fluthiacet-methyl, fomesafen, foramsulfuron, fosamine, furyloxyfen, glufosinate, glyphosate, halosulfuron-methyl, haloxyfop, haloxyfop-P-methyl, hexazinone, imazametha- 25 benz, imazamox, imazapic, imazapyr, imazaquin, imazetha-

pyr, imazosulfuron, indanofan, iodosulfuron, ioxynil, isopropalin, isoproturon, isouron, isoxaben, isoxachlortole, isoxaflutole, isoxapyrifop, KPP-421, lactofen, lenacil, linuron, LS830556, MCPA, MCPA-thioethyl, MCPB, mecoprop, mecoprop-P, mefenacet, mesosulfuron, mesotrione, metamiduron, metazachlor, methabenzthiazuron, methazole, methoprotryne, methyldymron, metobenzuron, metobromuron, metolachlor, S-metolachlor, metosulam, metoxuron, metribuzin, metsulfuron, molinate, monalide, monolinuron, naproanilide, napropamide, naptalam, NC-330, neburon, nicosulfuron, nipyraclufen, norflurazon, orbencarb, oryzalin, oxadiargyl, oxadiazon, oxasulfuron, oxaziclomefene, oxyfluorfen, paraquat, pebulate, pendimethalin, penoxsulam, pentanochlor, pentoxazone, pethoxamid, phenmedipham, picloram, picolinafen, piperophos, preti-
15 lachlor, primisulfuron, prodiamine, profluazol, proglinazine, prometon, prometryne, propachlor, proparyl, propaquizafop, propazine, propham, propisochlor, propyzamide, prosulfocarb, prosulfuron, pyraclonil, pyraflufen-
20 ethyl, pyrazogyl (HSA-961), pyrazolynate, pyrazosulfuron, pyrazoxyfen, pyribenzoxim, pyributicarb, pyridafol, pyridate, pyriftalid, pyriminobac-methyl, pyriothiobac-sodium, quinclorac, quinmerac, quizalofop, quizalofop-P, rimsulfuron, sethoxydim, siduron, simazine, simetryn, sulco-
25 trione, sulfentrazone, sulfometuron-methyl, sulfosulfu-

ron, 2,3,6-TBA, TCA-sodium, tebutam, tebuthiuron, tepra-
loxydim, terbacil, terbumeton, terbuthyl-azine, terbu-
tryn, thenylchlor, thiazafluron, thiazopyr, thidiazimin,
thifensulfuron-methyl, thiobencarb, tiocarbazil, tio-
5 clorim, tralkoxydim, tri-allate, triasulfuron, triazi-
flam, tribenuron, triclopyr, trietazine, trifloxysulfu-
ron, trifluralin, triflusulfuron-methyl, tritosulfuron,
UBI-C4874, vernolate.

28. The compositions according to any of the claims 25-
10 27, characterized in that the concentration of the active
substance ranges from 1 to 90%.